

FIGURES 1A and 1B

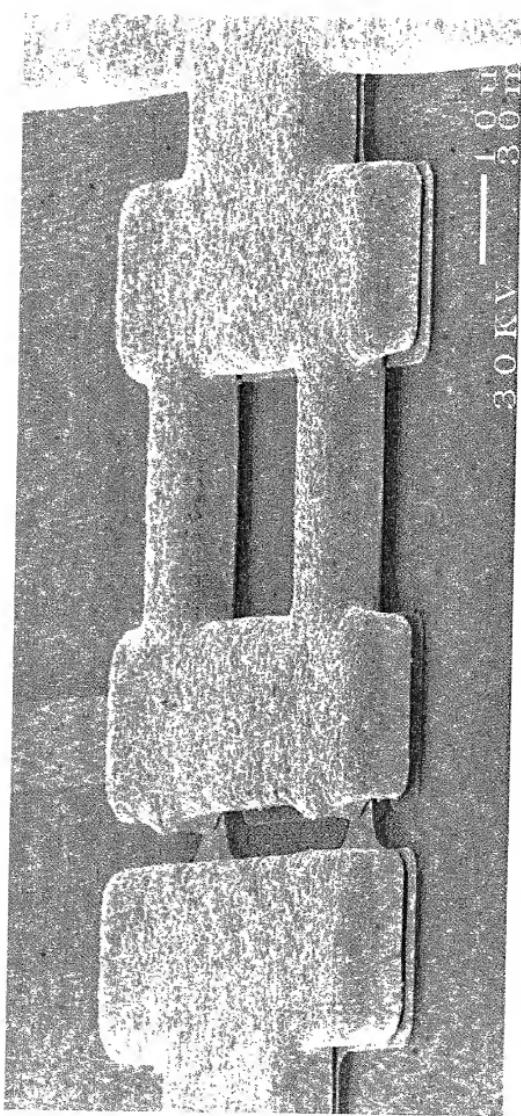
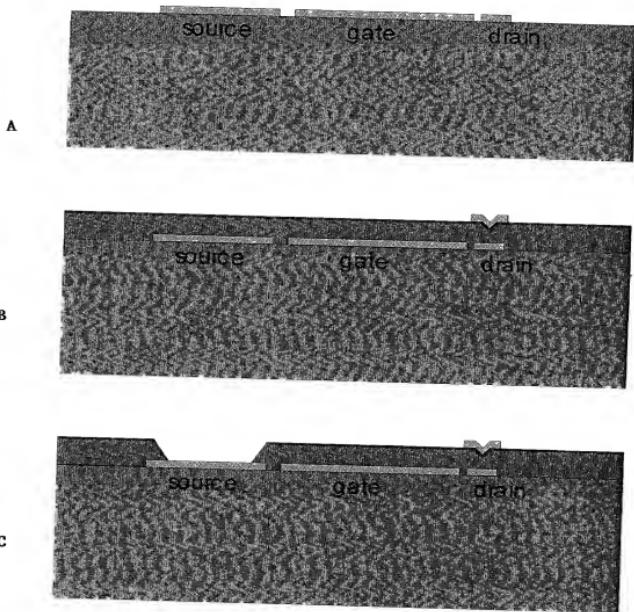
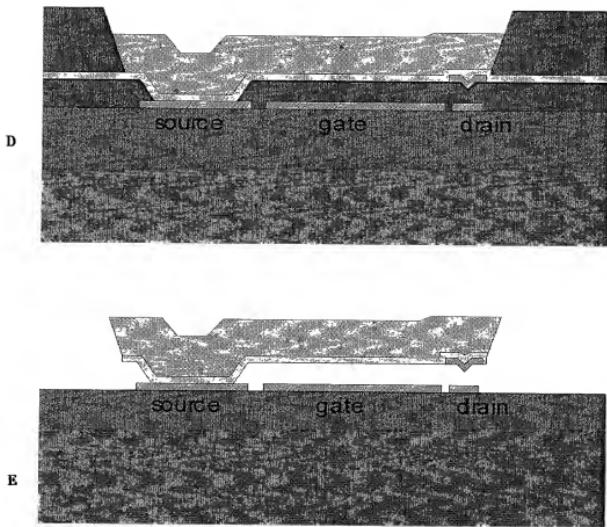


FIGURE 2



FIGURES 3A, 3B, and 3C



FIGURES 3D and 3E

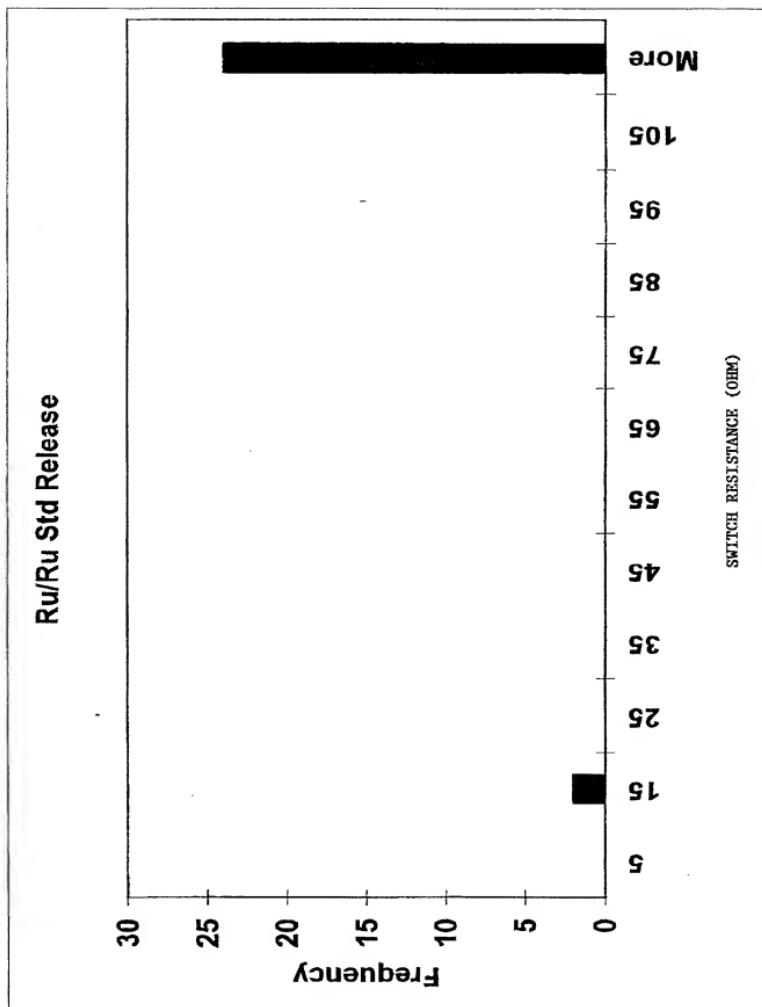
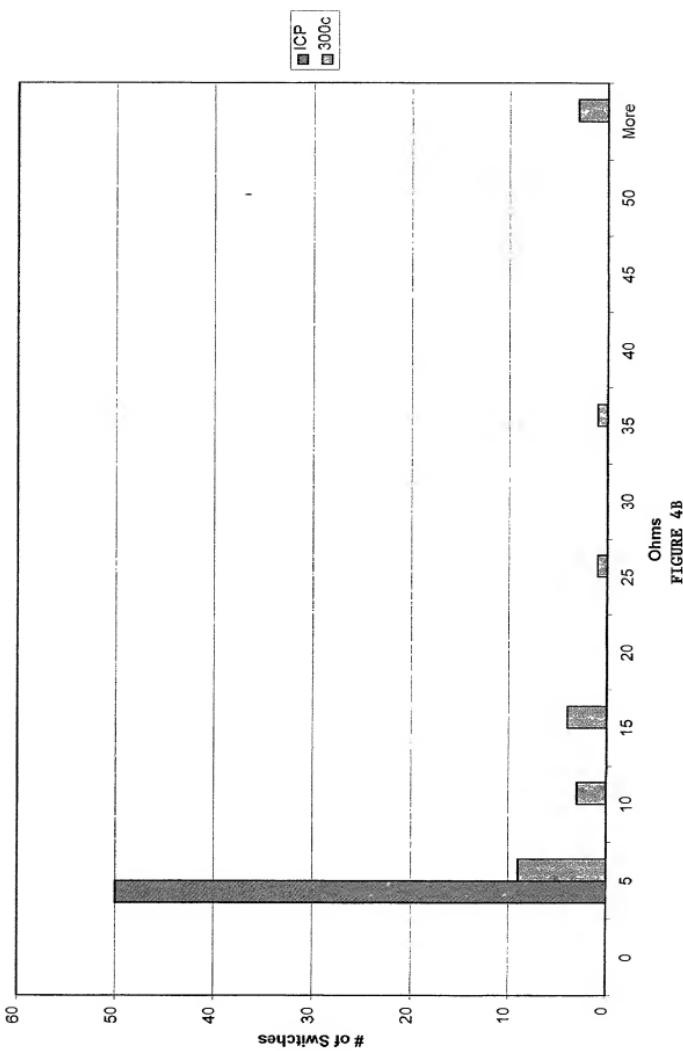


FIGURE 4A

Contact Resistance at 1e6 cycles



Ru/Au Std Release

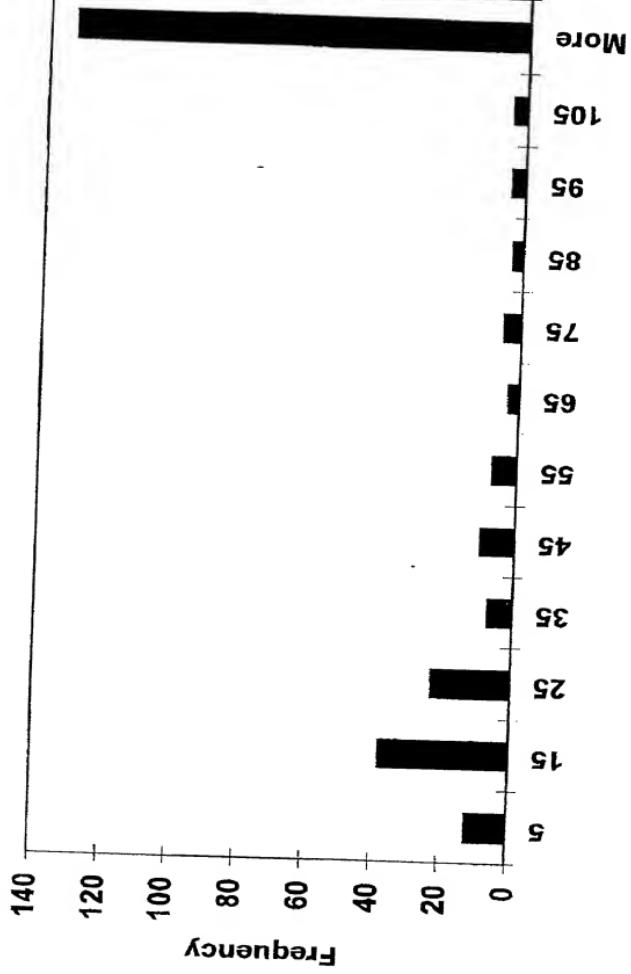


FIGURE 4C

Ru/Au Std Release + MF1 Package Clean

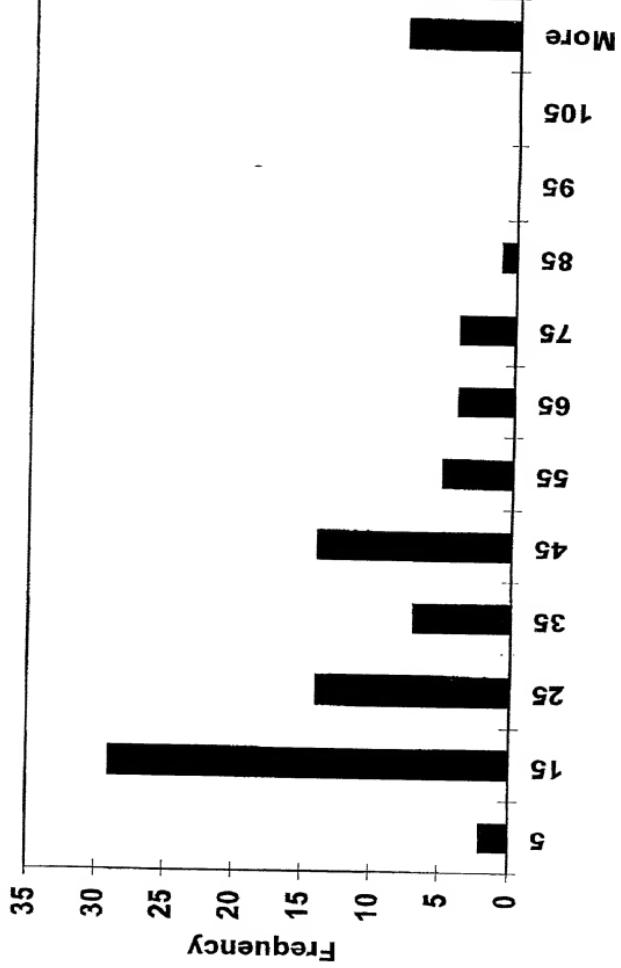
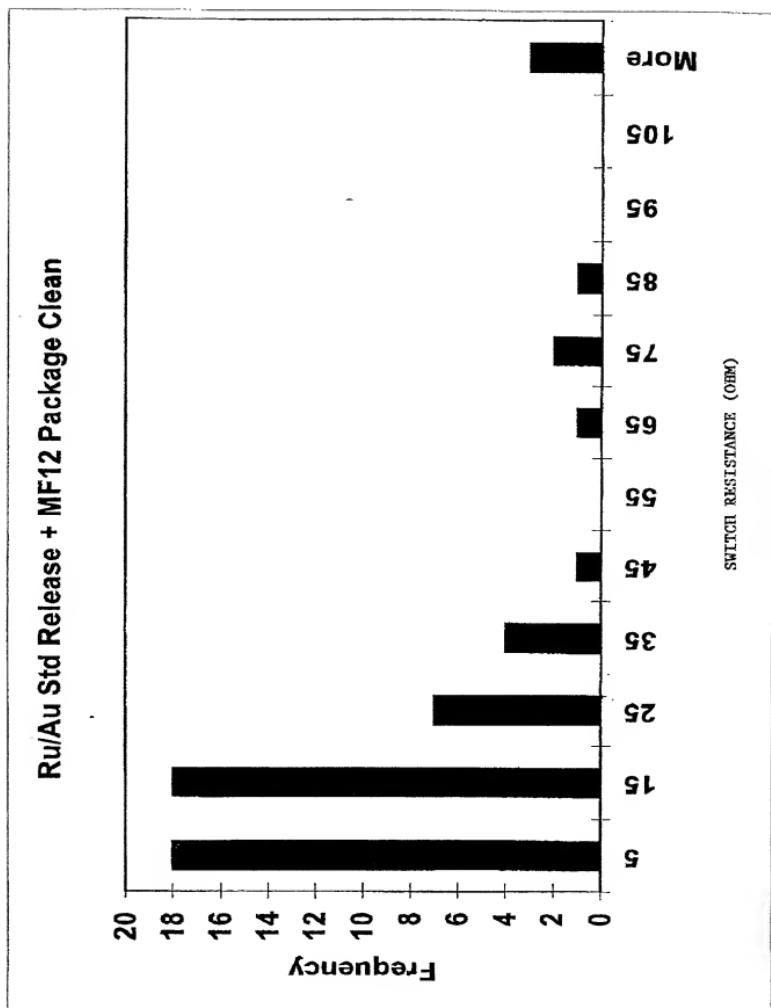
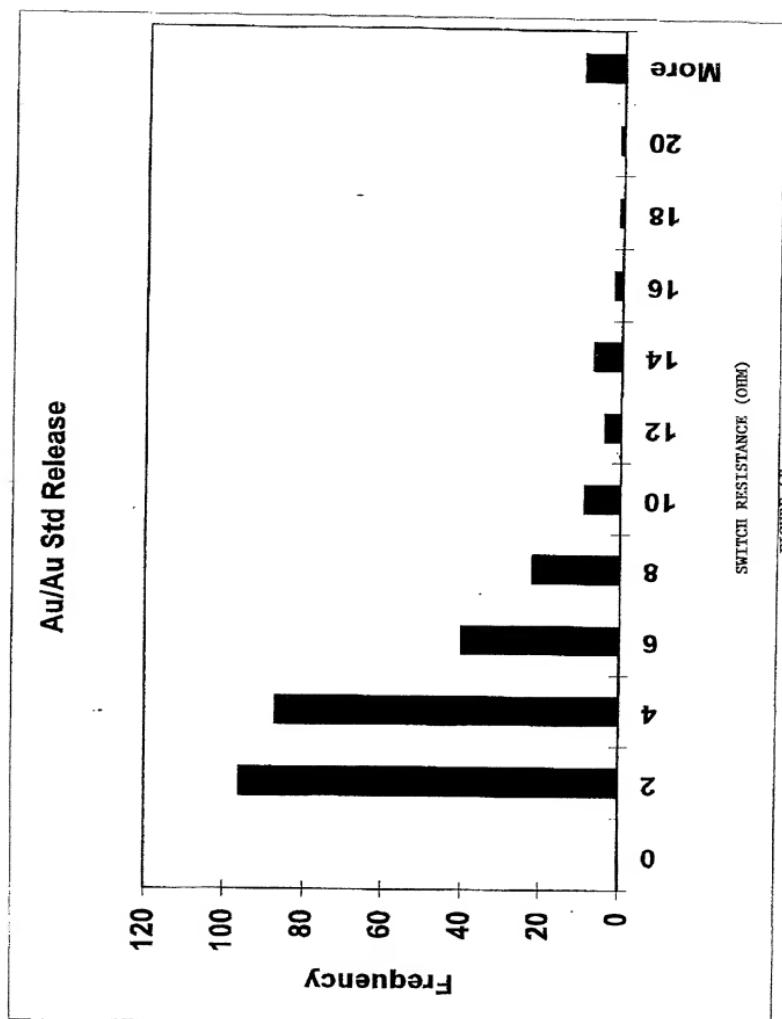


FIGURE 4(d)





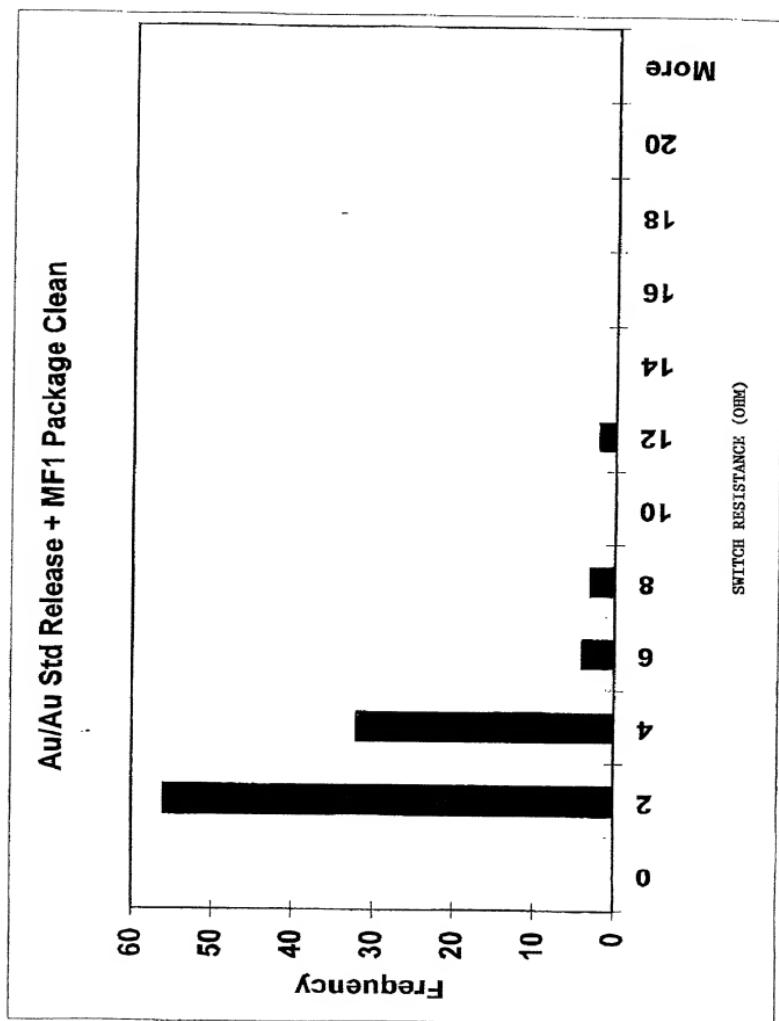


FIGURE 4G